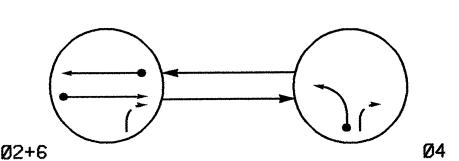
PROJECT REFERENCE NO. SHEET NO.

# PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

← − − > PEDESTRIAN MOVEMENT

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

			_		
TABLE OF O	PER	ATI	ON		
	PHASE				
SIGNAL FACE	Ø2+6	<b>Ø</b> 4	FLACE		
21, 22	G	R	Υ		
41, 42	R	G	R		
61, 62	G	R	Υ		
	SIGNAL FACE 21, 22 41, 42	FACE P 21, 22 G 41, 42 R	SIGNAL       Ø       Ø         FACE       2       Ø         21, 22       G       R         41, 42       R       G		

88 km/h (55 MPH) -1% Grade

2070L LOOP & DETECTOR INSTALLATION												
INDUCTIVE LOOPS						ETE	CT	OR	P	ROGRA	MMING	
LOOP	SIZE (M)	TURNS	DISTANCE FROM STOPBAR (M)	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	SYSTEM LOOP	STRETCH TIME	DELAY TIME	NEW CARD
2 <b>A</b>	1.8X1.8	5	130	Υ	2	Υ	Υ	-		2.3		Υ
2B	1.8X1.8	3	35	Υ	2	Υ	Υ	-	-	***	440	Υ
4A	1.8X18.0	2-4-2	0	Υ	4	Υ	Υ	-		-	3	Υ
61	1 8 7 1 8	5	130	Y	6	Y	Υ	_	_	2.3		Υ

# 2 Phase Fully Actuated (Isolated)

### **NOTES**

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January
- ot program signal for late flashing operation unless wise directed by the
- all detector units to presence

PLAN QUANT	ITIES
Pay Item	Meters
Signal Cable	165
Messenger Cable	135
Lead-in Cable	455

SIGNAL FACE I.D.  Denotes L.E.D.			and Str 2002, 2. Do not
(B) (C) (G) (SIA 22) 76 - M			night f otherwi Enginee 3. Set all
STA. 22+36 -Y1- 300mm 16m +/- L† 21, 22 41, 42 61, 62		STA. 22+72 -Y1- 16m +/- L†	mode.
US 74 Business	41 42	88 km/h (55 MPH) 0% Grade	PS
	5→ 61 ←		

办

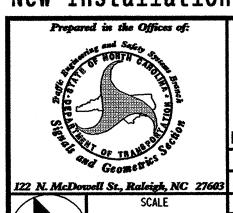
2070L	TIMING	CHAR	
		PHASE	
FEATURE	2	4	6
Min Green 1 *	14	7	14
Extension 1 *	2.0	1.0	2.0
Max Green 1 *	60	20	60
Yellow Clearance	5 <b>.</b> 2	4.0	5 <b>.</b> 2
Red Clearance	1.0	1.0	1.0
Walk 1 *		~	
Don't Walk 1	-		
Seconds Per Actuation *		***	
Max Variable Initial*		•••	-
Time Before Reduction *		•••	•••
Time To Reduce *	***		
Minimum Gap	•••	Vput	<b>-</b>
Recall Mode	MIN RECALL		MIN RECALL
Vehicle Call Memory	YELLOW	-	YELLOW
Dual Entry		ean.	••
Simultaneous Gap	ON	ON	ON

PROPOSED		<b>EXISTING</b>
<b>○</b> →	Traffic Signal Head	<b></b>
0->	Modified Signal Head	N/A
<del></del>	Sign	
	Pedestrian Signal Head With Push Button & Sign	
0	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	y • • • • • • • • • • • • • • • • • • •
	Inductive Loop Detector	CIIII
$\boxtimes$	Controller & Cabinet	K×3
	Junction Box	
success so so destinate so so deposition to the	50mm Underground Conduit	
N/A	Right of Way with Marker	
	Directional Arrow	<del>&gt;</del>
	Pavement Marking Arrow	<b>→</b>
(A)	"YIELD" Sign (R1-2)	<b>(A)</b>

**LEGEND** 

# New Installation

US 74 Business



	U	S	74	Busin	ess		
IS	74	W		At bound	Ramp	A	

	*	OO IT HOOL	Joana	" w " P	, ,	1 3
	Division	6 Robeson C	ounty	East	of Maxton	===
	PLAN DATE:	December 2003	REVIEWED BY:	J. P.	Galloway	
3	PREPARED BY:	C.S. / P.A.J.	REVIEWED BY:			]
		REVISIONS		INI	. DATE	]-, .
)						Im
						]

